Purchase Order Receipt Listing

Monday, June 12, 2017 10:07:04 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36496 Receipt Dates from 6/9/2017 to 6/9/2017 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Book Amt	0000	20.00		\$0.00			00 03			\$0.00			\$0.00			\$0.00		· ·	00 03		
MRB Qty/ MRB Reject Qty	c	0		0	0		0	0		0	0		0	0		0	0		0	0	
Inspected Qty/ Rejected Qty (PO U/M)	00000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	
Cost Per Unit/ Recv Value										7			\								
Recv Qty (PO U/M)	23.7500			\$ 0000.09			20.0000			20.0830			84.0000			48.0000			1.0000		
Recv Date/ Recv Emp	6/9/2017	PLOU01		6/9/2017	PLOU01		6/9/2017	PLOU01		6/9/2017	PLOU01		6/9/2017	PLOU01		6/9/2017	PLOU01		6/9/2017	PLOU01	
Required Date Required Qty	6/8/2017	20.0000		6/8/2017	60.0000		6/8/2017	20,0000		6/8/2017	20.0000		6/8/2017	80.0000		6/8/2017	40.0000		6/8/2017	1.0000	
PO U/M / Stock U/M	etals		145		_	10	\$ C	×		<u>ب</u> 00	7		35 f	-		J S (4				
Project ID Reference/ Description/ Cert Std	U-TWM001 TW Metals M304TR0.675W.091 f	304 RD Tube .675 x	m137761 m	M304TR0 750W.049	304 KD71 ube .750 x .049 W	m137761	M304TR1.250W.125	304 RD Tube 1.250 x	m137761	- M4130NT0.500W.08 f	4130 RD tube .500 x .083W	m137761	M6061T6T0875W05 F	6061-T6 RD Jube	m137761	M6061T6T0.580W.05 f	6061-T6/RD Tube .500/x058W	m137761	71401-45	PROCUREMENT QUALITY CLAUSES	m137761
Line I Nbr/ Insp Req	dor Name	No		7	ON ON		ť	°Z		4	No.		5	No		9	No		7	°Z	
Purchase Order ID/ Curr Type	VendorID\Vendor Name PO36496 1	OSO																			

Book Amt
MRB Qty/ MRB Reject Qty
Inspected Qty/ Rejected Qty (PO U/M)
Cost Per Unit/ Recv Value
Recv Qty (PO U/M)
Recv Date/ Recv Emp
Required Date Required Qty
PO U/M / Stock U/M
Reference/ Description/ Cert Std
Project ID
Line Nbr/ Insp Req
Purchase Order ID/ Curr Type

Qty/ Book Amt eject Qty	256.8330	0.0000	0.0000	\$0.00	0.0000
Inspected Qty/ MRB Qty/ Rejected Qty MRB Reject (PO U/M) Qty	Total Received Quantity:	Total Qty to Inspect (PO U/M);	Total Reject Quantity:	Total Receipt Value:	Total Balance Due Quantity:
Cost Per Unit/ Recv Value	L	Total (Tota



DART AEROSPACE LTD 1270 ABERDEEN ST



Packing Slip

ORDER NO.: 80859150 FROM: CHIC PAGE 1

SOLD TO:

CUST NUMBER: 1203820 NET WGT: 82.229 REQ.DATE: 06/08/17 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

CN K6A 1K7

HAWKESBURY ON CANADA

CN K6A 1K7

ONTARIO CANADA

SALESPERSON: DONNA SMALLEY

LINE ITEM DESCRIPTION

NET 30 DAYS

SHIP BY: 06/02/17

TERMS: F.O.B.:

SHIPPING POINT

COMMON CARRIER PREPAID

CUST ORD NO.: PO36496

0001 38420 SMLS 304/L A-312 3/8 SCH 40

VIA: FREIGHT: RELEASE NO.:

RECEAVING PHONE:

WIDTH

LENGTH 17/24 FT

ORD QTY

INVOICE QTY 23.750 FT

SHIPPED OTY

20.000 FT

23.750 FT / 13.605

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49365461 HT:11H222 PC: 1 CUSTOMER QTY: UOM

MFG:CHINA

SLB/CL:LRZM39

0002 36860 SMLS CD 304/AL A269 3/4 OD X .049 WAV

20' CL

CLN#

ORD OTY 60.000 FT INVOICE QTY SHIPPED QTY 60.000 FT.

60.000 FT

** 1 TEST REPORTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49334360 RT:YX1501783 PC: 3 CUSTOMER QTY: UOM ** 1 CERTS REQUIRED **

MLT: CHINA

MFG: CHINA

SLB/CL:-

0003 37241 SMLS CD 304/L A269 1-1/4 X .120WA

CLN#

ORD QTY 20.000 FT

ZNVOICE QTY SHIPPED QTY 20.000 FT 20.000 FT

WT

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49334360 HT:YX1504817 PC: 1 CUSTOMER QTY: UOM MLT:CHINA MFG:CHINA SLB/CL:-





Packing Slip

CUST NUMBER: 1203820 NET WGT: 82.229 REQ.DATE: 06/08/17 CONFIRMED

ORDER NO.: 80859150 FROM: CHIC PAGE 2

SHIP TO:

SOLD TO:

DART AEROSPACE LTD

DART AEROSPACE LTD 1270 ABERDEEN ST

1270 ABERDEEN ST HAWKSBURY ON

HAWKESBURY ON CANADA

CN K6A 1K7

ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY

PREPAID

TERMS: F.O.B.:

NET 30 DAYS SHIPPING POINT

SHIP BY: 06/02/17 VIA: FREIGHT: RELEASE NO.: COMMON CARRIER

CUST ORD NO.: PO36496

0004 32821 SMLSCD 4130 6736 1/2 X .083 WA,/

LINE ITEM DESCRIPTION

RECEIVING PHONE: / WIDTH

LENGTH 17/24 FT

20.000 FT

INVOICE QTY SHIPPED QTY 20.083 FT

20.083 FT

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 9A991.d Export License: NLR Expiration Date: 0/00/00 PO:49362520 HT:253636 PC: 1 CUSTOMER QTY: UOM

MLT: GERMANY SLB/CL: 1632158

0005 41952 D6061-T6 3/8 OD X .058 WA/

CLN# ORD QTY 84.000 FT /

/ INVOICE QTY SHIPPED QTY 84.000 FT

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49363913 HT:F002343920001 PC: 7 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:222469

0006 42276 D6061-T6 1/2 OD X .058 WA L

CLN#

ORD QTY 48.000 FT

INVOICE QTY SHIPPED QTY 48.000 FT

48.000 FT



** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49365548 HT:F002361250001 PC: 4 CUSTOMER QTY: UOM MLT:UNITED STATES MFG.UNITED STATES SLB/CL:222661

76-12°





Packing Slip

CUST NUMBER: 1203820 NET WGT:

ORDER NO.: 80859150 FROM: CHIC PAGE 3

82.229 REQ.DATE: 06/08/17 CONFIRMED SHIP TO:

SOLD TO:

DART AEROSPACE LTD

DART AEROSPACE LTD

1270 ABERDEEN ST

1270 ABERDEEN ST

ONTARIO CANADA

HAWKESBURY ON

HAWKSBURY ON

CN K6A 1K7

CANADA

CN K6A 1K7

SHIP BY:

06/02/17

SALESPERSON: DONNA SMALLEY NET 30 DAYS

VIA:

COMMON CARRIER

TERMS: F.O.B.:

SHIPPING POINT

FREIGHT:

PREPAID

CUST ORD NO.: PO36496

RELEASE NO.:

RECEIVING PHONE:

WIDTH LENGTH

LINE ITEM DESCRIPTION

BROKERS KUEHNE AND NAGEL LTD

----- PACK INFO ------

AREA TYPE OF PKG YRC REDDICRATE

PKGS GRS WEIGHT WIDTH LENGTH HGHT 1.000 133.000 5.0000 290.0000 5

_____ 1.000

133,000

BY: MG RT 000-

UNLOAD TYPE: NONE SPECIFIED

Q1/16-12

DATE SHIPPED

DATE FILLED





Packing Slip

ORDER NO.: 80859150 FROM: CHIC

PAGE 4

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

TERMS:

F.O.B.:

CN K6A 1K7

DONNA SMALLEY

NET 30 DAYS

SHIPPING POINT

CUST ORD NO.: P036496

SALESPERSON:

COMMON CARRIER PREPAID

FREIGHT: RELEASE NO.:

RECEIVING PHONE:

82.229 REO.DATE: 06/08/17 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SHIP BY:

235 TUBEWAY

CAROL STREAM

IL 60188

06/02/17

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

Date:

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

MTR#:WLPSPW077025.GIF

SO#: LRZM39 PO#:M49365461 Customer: TWMEXT

Item:S44L00C Bundle:WLPW077TA29-73 Heat#:11H222

II. WE HEKEBY CERTIFYTHAT THE MATENAL DESCRIBED HEKEIN BEEN MANDFACTURED, SAMPLED, TESTED AND HISFECTED. IN ACCORDANCE WITH THE RESULTS OF THE CONTRACT, AND CONFORM TO THE SPECIFICATION AGOVE. THE CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. CCEPTABLE CURRENT TEST PREV AHTI S E . NATERIAL FREE FROM MERCURY CONTINUATION AND RADIDACTIVE CONTINUATION Sum Bin 201505-TG-F27 Lot No. 2 QUALITY MANAGER GRAIN ö FITTING CORROSION (mg/dm²day) - au MILL INSPECTION CERTIFICATE CCEPT.43[] Atmyasushol AG 2 Inolin IEST S AST M A312-14/A376-13/ASIJE SA312-13/SA 376-13 As FLARING ADDRESS: 2# HAYYANG ROAD, HAIYU TOWN, CHANGSHU CITY, JIANGSU FROMNCE, CHINA 215519 TEL (0512) 52561518 / 52565260 FAX: +85-512-52568002 NO REPAIR BY WELDING 2 FLATTERING ACCEPT ABLE S ACCEPTED BY CHEMICAL COMPOSITION (WT%) EN 10204 3.1 330 2015080425008025 9-89 HARDNESS S < B 75/75 ES E TP304/304L (Somm) 67 5.54 11H222 幸に TW WELLS ERTIFICATE NO.: S 1,03 PECIFICATION: 200 = 2 HEAT NO. 0.2% 253/253 GRADE: MPa 3 z MPa 580/580 2 140 Solution America: 1900 18.000 20.000 18,130 ت 989 (kg) 596 COLD FINISHED, SOLUTION ANNEALED AND PICKLED 8.000 8.060 Z WEIGHT 0.000 0.000 0.000 0.001 0.030 NS PER ASTM AS12-14/AS76-13, ASME SA312-13, SA376-13/ASTM 4999-13 2372.57 2372.57 CHANGSHU WALSIN SPECIALTY STEEL CO., LTD. DUNTRY OF MELTICHINA, COUNTRY OF MANUFACTURE: CHENA STAINLESS STEEL SEAMLESS PIPES 0.033 0.045 TA CHEN STAINLESS PIPE CO, LTC VATER QUENCHED ANNEALING TEMERATURE.1000°C SATERIAL CONDLANT WITH ROBS DIRECTIVE 2002-95-EC 0.500 2.000 TEST PER ASTALA262-02aE NM. P246916 NM. P1144D PECES 101 101 O REPAR BY WELDING SATERIAL FREE FROMMERCURY CONTAMENATION 0.370 0.000 0.000 0.750 EFFRENCE DISCONTINUITY: DRILLED HOLE LENGTH: 20/24FT 0.036 S PER PROFORMA INVOICE NO 112130-S 0.024 PACKAGE TA29-73 ب 9 STANDARD PRACTICE: ASTAIL 126 IPS() MITISCHALCION XELLYBRY COMPITION: 3,8*405*6096-7315 RESULTS SPECIFICATION CE MR0175.2003 WLCS-QP-724-06 SIZE COLMIDDITY. NST OWER BHENTS

ULTRASONIC

Ferite content

MILL TEST REPORT

Purchaser.: TW ME	TALS-Carol St	ream			Certificate	No.: 15-11-13	0			
Contract No.: TWM	P.O.No.: M493	334360			Date of Issu	e.: 2015.11.7				
Commodity: Stainles	s Steel Seamle	ss Tubes	Specifica	tions: A	STM A213-	13/ASME SA	213-1	3/ASTM A	269-14el	EAW
Process: Cold Drawn					Delivery Co	ndition: OD I	Polis	ned to 240	Grit	
Steel Grade	DAS-Heat I	Number	Lot		Dimensio	ons		Q	uantity	
over orace	39 near		Number					Pieces	F	eet
TP304/TP304L	9-89 YX15	01-783	9-40	(3/4" x 0.049	" x 20'		285	5	,700
		Che	mical Co	npositi	on by Weigh	t (%)				
Element	C	Mn	P	S	Si	Cr		Ni	Mo	Co
Requirements	≤0.035	≤2,00	≤0.045	≤0.0	30 ≤1.00	18.00-20,00	8.0	00-12.00	-	-
Ladle Analysis	0.012	0.68	0.031	0.00	0.37	18.35		8.05	-	-
Product Analysis	0.019	0.70	0.033	0.002	0.39	18.37		8.31	-	-
			Mech	chanical Properties						
Test Item	Elonga	')	Ten	sile Strength	(PSI)			trength (F p / 0.2%	PSI)	
Requirements		≥75,000				≥30,000				
Test Results				87,000/88,0	00	-		000/35,000		
Test Item	Reduction of Area Z (%)		Hardness		Cold Bend Test	Flaring Test	Flattening Test		Flange Test	P.M.I Test
Requirements			HRB:	≤80	-	22%	e=0.09		-	-
Test Results		-	75/7	77	-	Passed	Passed		- Ok	
Test Item	Eddy Cu	rrent Test	Air Unde Pressur		Ultrasonic Test	Intergranu Corrosion	VIACE		roscopic Inspectio	
Requirements	ASTN	1 E 426	-		-	ASTM A26	ASTM A262 E End C		t Appearance	
Test Results	Pas	ssed	-		-	OK		OK	(OK

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1526002

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Free from radioactive contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

CANNOT CERTIFY COMPLIANCE FAR BAA / DFARS BAA / FAR TAA



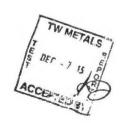
By:

James Shi / Manager Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China







MILL TEST REPORT

Purchaser.: TW ME	TALS-Carol St	ream			Certificate N	No.: 15-11-14	9			
Contract No.: TWM	P.O.No.: M493	334360			Date of Issue	e.: 2015.11.7				
Commodity: Stainle	ss Steel Seamle	ss Tubes	Specifica	tions: A	STM A213-1	3/ASME SA2	213-1	3/ASTM A	269-14el	EAW
Process: Cold Drawn					Delivery Co	ndition: OD I	Polish	ed to 240	Grit	
St. I C I	DAS Heat I	Name have	Lot		Dimensio			Q	uantity	
Steel Grade	39 Heat I	Mumber	Number		Dimensio	IIIS	I	Pieces	F	eet
TP304/TP304L	9-89 YX15	04-817	9-18		1-1/4" x 0.120	0" x 20'		155	3,	100
		Ch	emical Co	mpositi	on by Weight	t (%)				
Element	С	Mn	P	S	Si	Cr		Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.0	30 ≤1.00	18.00-20.00	8.0	0-12.00	-	
Ladle Analysis	0,011	0.64	0.031	0.003	0.34	18.24		8.05	-	-
Product Analysis	0.021	0.63	0.033	0.003	2 0.32	18.10		8.63	-	
			Mecl	echanical Properties						
Test Item	Elongs	")	Ter	sile Strength Rm	(PSI)		R	trength (F p / 0.2%	PSI)	
Requirements			≥75,000			≥30,000 35,000/36,000				
Test Results				90,000/91,00					-	
Test Item	Reductio	Hard	lness	Cold Bend Test	Flaring Test	Flattening Test		Flange Test	P.M.I Test	
Requirements		-	HRB	€80	-	22%	e=0.09		-	
Test Results		-	76	78	-	Passed	Passed		- OI	
Test Item	Eddy Cu	ırrent Test	Air Und Pressu		Ultrasonic Test	Intergranu Corrosion	1 WESCE		oscopic Inspectio	
Requirements	ASTN	A E 426			•	ASTM A26	2 E	End Cut	Appe	earance
Test Results	Pa	ssed			-	OK		OK		OK

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1526002

CANNOT CERTIFY COMPLIANCE

FAR BAA / DFARS BAA / FAR TAA

Additional Remarks:

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- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

海发不结约为

By:

James Ch.

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China

TW METALS

TE DEC U7 15 OF TE S

ACCEPTED BY

Benteler Steel/Tube GmbH Postfach 13 40

33043 Paderborn Deutschland

Fel.: +49.5254.81-0 Fax: +49.5254,13666

BENTELER 🛡

Steel/Tube

4

Blatt: Page:

ABNAHMEPRÜFZEUGNIS EN 10204-3.1
INSPECTION CERTIFICATE EN 10204-3.1
CERTIFICAT DE RECEPTION EN 10204-3.1
EN 10204:2005-01
Runden-Bestell-Nr.:
Benteler Steel/Tube GmbH - Postlach 1340 - 33043 Paderbom - Deutschlund
Purchase Order No.:

Benteler Steel/Tube GmbH - Postfach 1340 - 33043 Pederbom - D TW Metals The Aboretum, Suite 204 760 Constitution Drive EXTON PA 19341 USA

Kunden-Bestell-Nr.: 46004784TW M49362520 Hersteller:
Purchase Order No.: Manufacturer:
Producteur:

[DIN EN ISO 9001, ISO/TS-18949 CERTIFIED BY TUEV NORD CERT]

Warmrohrwerk/Zieherei

No. du certificat:

nspection No.:

Prüf-Nr.:

41-991327/001/P

(PED 2014/68/EU CERTIFIED BY TUEV NORD SYSTEMS)

Manufacturer's brand:
Marque du producteur:
A185829 Stempel des Abpahmen

Herstellerzeichen:

1632158

Benteler Auftrags-Nr.:

Benteler Order No.:

No. de commande Benteler:

Versandanzeigen-Nr.:

Dispatch Note No.:

Stempel des Abnahmebeauftragten: WA Stamp of the inspection representative:

Poinçon du contrôleur:

Stahlerschmelzungsverfahren: ELEKTROSTAHL
Steelmaking process: ELECTRIC FURNACE
Procédé d'élaboration de l'acier: FOUR ELECTRIQUE

NAHTLOSE STAHLROHRE SEAMLESS STEEL TUBES

Produkt: Product: Produit:

No. d'avis d'expédition:

TUBES D' ACIER SANS SOUDURE
Procédé d'élaboration de l'acier: FOUR ELECTR
ASTM-A 519-2006 MII -T-6736R Tyme 1 AMSE360 Boy, M. AMS 32017

AMS-T-6736B-08 Type 1, ASTM-A 519-2006, MIL-T-6736B Type 1, AMS6360 Rev. M, AMS 2301K

Conditions de livraison: Maße - Toleranzen:

Lieferbedingungen:

straightness acc. to customer request, AMS 2253E-83, Aircraft Type, Seamless, Cold Finished

Dimensions-tolerances: Dimensions-tolérances:

Stahlsorte: GRADE 4130

Nuance d'acier:

Lieferzustand; Delivery condition:

Condition N

État de livraison:

FSD: BENTELER AMS6360M-AMS-T-6736 B 1-MIL-T-6736 B 1-AMS 2301K 4130 Condition N HEAT-NO. CD AQ S DIMENSIONS WA GERMANY Produktkennzeichnung: Product marking:

Marquage du produit:

AEZ = Atzintebeschriftung, Etching Ink marking, Gravure & I'encre . FK = Farbkennzeichnung, color marking, marquage par couleur . FS = Farbschabkonlerung, paint stencilling, marquage par point af etchenzeichnung, rag marking, marquage sur étiquette . PS = Prägestempel, die stamp, marquage par poinconnage . TS = Tintenstrahlkennzeichnung, Ink jet spray marking, imprimante å jet



BENTELER 🛡

Steel/Tube

Longueurs multiples

Série de no. des tubes

Pression d'épreuve

No. de coulée

Poids

Longueur totale

feet

feet

Dimensions

Nombre

Poste

Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn

Deutschland

ĽΜ

0.083"

225

8000

20 FT - 24 FT 0.500" O.D.

39 9-89

253636

926 lbs

2500,56

Vielfachlängen 4 Multiple lengths 21 Blatt: Page: Rohr-Nr.-Gruppe Tube number group Fest pressure Prüfdruck No. du certificat: Inspection No.: Prüf-Nr.: Schmelzen-Nr. Heat No. 41-991327/001/P Gewicht Weight Gesamtlänge Length total Dokument-Nr.: Document No.: No. du document: ABNAHMEPRÜFZEUGNIS EN 10204-3.1 Tel.: +49.5254,81-0 Fax: +49.5254,13666 INSPECTION CERTIFICATE EN 10204-3.1 CERTIFICAT DE RECEPTION EN 10204-3.1 Dimensions Maße Stück Number Pos. Item

Schmelzenanalyse [%] / Heat analysis [%] / Analyse sur coulée [%]

Pos.	Pos. Schmelzen-Nr.	ပ	S	Z	<u>a</u>	S	CR	MO	Z	CO	
Item	Heat No.										
Poste	Poste No. de coulée										
8000	0008 253636	0,320	0,320 . 0,270	0,57	0,008	0,001	0,88	0,17	60'0	0,14	

Produktanalyse [%] / Product analysis [%] / Analyse sur produit [%]

ros.	Schmeizen-Inr.										
Item	Item Heat No.	U	IS.	ZS	a.	S	CR	MO	ž	CO	
Poste	No. de coulée										
0008	0008 253636	0,310	0,280	0,55	0,012	0,002	0,88	0,17	60'0	0,15	

Prüfergebnisse / Test results / Résultats des essais

Die Rohre wurden zerstörungsfrei geprüft:	orüft:	ET-test: acc. to ASTM-A 450; ET - T	est method: acc	:T-test: acc. to ASTM-A 450; ET - Test method: acc. to ASTM-E 309; for imperfections;	PASSED
The tubes are non destructive tested:		ET-test: ET with rotating pancake coils; according to EN 10246-3; imperfections;	ils; according to	EN 10246-3; imperfections;	
Les tubes ont passé un essai non destructif:		Notch depth: 0,30 mm; notch width < = notch depth; notch length min. 2 x transducer	< = notch dept	h; notch length min. 2 x transducer	
		width (max. 50 mm)			
Augensichtkontrolle:	PASSED	Materialverwechslungsprüfung:	PASSED	Maßkontrolle:	PASSED
Visual inspection:		Material conformity test:		Dimensions examination:	

Vérification des dimensions:

Ergebnisse der mechanischen Prüfung / Results of mechanical testing / Résultats des essais mécaniques

Vérification de la nuance:

Examen visuel:

Die Probennahme erfolgte an Vielfachlängen.

The sampling was carried out on multiple lengths.

L'echantillonage etait realise aux longueurs multiples.





Tel.: +49.5254,81-0 Fax: +49.5254,13666 Benteler Steel/Tube GmbH 33043 Paderborn Postfach 13 40

BENTELER 🛡

Steel/Tube

Inspection No.: Prüf-Nr.: 41-991327/001/P Dokument-Nr.: Document No.: ABNAHMEPRÜFZEUGNIS EN 10204-3.1 CERTIFICAT DE RECEPTION EN 10204-3.1 INSPECTION CERTIFICATE EN 10204-3.1

4

3/

Blatt: Page: Page:

Zugversuch längs bei RT, Vollprobe / Tensile test longitudinal at RT, Full section test specimen / Essai de traction longitudinale à TA. Eprou

Pos.	Proben-Nr.	Schmelzen-Nr.	Probenabmessung	ssung	Streckgrenze	Zugfestigkeit	Dehnung		
tem .	Specimen No.	Heat No.	Specimen dimensions	nsions	Yield strength	Tensile strength	Elongation		
Poste	No. de l'éprouv.	No. de coufée	Dimensions de l'éprouv.	l'éprouv.	Limite élastique	Résistance à la traction Allongement	Allongement		
Anforderungen	ungen				Rp 0,2 %	Rm	A2"	1. Formel	
Requirements	uts		mm		KSI	KSI	%	1. Formula	
Exigences					MIN 75	MIN 95	MIN 12.00	1. Formule	
8000	100000	253636	12,74 X	2,13	103	125	19,00		
8000	000000	253636	12,74 X	2,13	101	124	19,00		
8000	000003	253636	12,74 X	2,13	101	125	18.00		

Randentkohlung / Surface decarburization / Décarburation superficielle

Pos. / Item / Poste: 0008

decarburization outside and inside max. 0.018 in, partial decarburization outside and inside max. 0,457 mm, without total acc. to AMS-6360, partial decarburization outside max. 0.014 in, partial decarburization inside max. 0.014 in, partial decarburization; partial decarb. out. max.: 0,356 mm; partial decarb. ins. max.: 0,356 mm

Vermerk / Remark / Remarque

Pos. / Item / Poste: 0008

52.225-1 CANNOT COMPLY, DFARS BAA: 252.225-7001 CAN COMPLY, FAR TAA: 52.225-5 CAN COMPLY, No weld repair has been carried out, Certificate remarks: The steel grade corresponds to MIL-T-6736B, AMS 6360M, material free from mercury contamination, FAR BAA; Country of origin of the material and heat: Germany, Aircraft quality steel acc. to AMS 2301K; see appendix page 1 of 1.

Pos. / Item / Poste: 0008

Macroscopic examination: acc. to ASTM-E 381

Pos. / Item / Poste: 0008

Magnetic particle inspec .: acc. to AMS 2301K/ASTM-E 1444, on prematerial

Pos. / Item / Poste: 0008

Grain size: acc. to ASTM-E 112; Grain size and finer: 5; Grain size: Longitudinal structure micrography, On prematerial

Verkäufer(in) / Sales Personnel / Personne chargée: Mr Schwarz, Tel.: 05254 81-204311, Fax: 204391





Deutschland Tel.: +49.5254.81-0 Fax: +49.5254,13666 Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn

ABNAHMEPRÜFZEUGNIS EN 10204-3.1 inspection certificate en 10204-3.1 certificat de reception en 10204-3.1

41-991327/001/P

Dokument-Nr.: No. du document; Document No.:

Prüf-Nr.: Inspection No.: No. du certificat:

BENTELER V Blatt: Page: Page: Steel/Tube

4

4 /

ACCEPTED BY TW METALS T MAR 28 17

Paderborn Schloß Neuhaus, 07.03.2017, TEL.: 05254.81-201768 FAX: 05254.81-201752

Abnahmebeauftragter Inspection representative

i. A. THOMAS GOLLAN / Tat Contrôleur

Es wird bestätigt, daß die gelieferten Erzeugnisse den techn. Lleferbedingungen des Auftrages entsprechen Dieses Dokument wurde mittels EDV erstellt und ist ohne Unterschrift rechtsgültig. Nous attestons que les produits livrés sont conformes aux stipulations de la commande. Ce document a été établi par traitement électronique de l'information et est valide sans signature. We certify that the supplied products comply with the order specification. This document was prepared by means of electronic data processing and is valid without signature.



Benteler Steel/Tube GmbH Residenzstraße 1 33104 Paderborn Germany Tel.:49:5254.81-0 Fax: 49.5254.13666 Abnahmeprüfzeugnis EN 10204-3.1 / Anhang Inspection Certificate EN 10204.3.1 / appendix

Certificat de réception EN 10204-3.1 / appendice

Dokument-Nr.

Document No.:
No. de document:

: 41-991327/001/P

Blatt: Page: Page:

Von

BENTELER 🛡

Steel/Tube

: 1 of 1

Halbzeuguntersuchung: Stahlsorte 4130 / Semi finished product examination: grade 4130 / Produit semi-fini: nuance 4130

Gros	Korngröße Grain size Grosseur de grain (ASTM-E 112)	Härtbarkeit (min Hardenability (m Trempabilité ((ASTM	Härtbarkeit (min. Anforderungen) Hardenability (min. requirements) Trempabilité (exigence min.) (ASTM-A 255)	Magnetpu Magnetic parl Essai à la pou (AMS 2301 k	Magnetpulverprüfung Magnetic particle inspection Essai à la poudre magnétique (AMS 2301 K/ASTM- 1444)	E SS	Macrostrung Macrostructure test Essai de macrostructure (ASTM-E 381)	test ucture)
Ē	min. 5	J(5/16") min. 35 HRC	J(8/16") min. 28 HRC	F max. 0,34	S max. 0,25	max. S 2	max. R 1	max. C 2
O		44	34	0,020	0,015	82	R1	C 2
de 0	000 mm	Outside 0,000 mm Inside 0,050 mm						
					TW METALS			
					S MAR 28 17 OP			
					CCEPTED B			
					K			

Der Stahl ist frei von Quecksilberverunreinigungen. / The steel is free of mercury contamination. / L'acier est libre des contaminations de mercure.

Paderborn Schloß Neuhaus, 07.03.2017 Tel.: (0)5254.81-201760 Fax: (0)5254.81-201752

Abnahmebeauftragter Inspection representative Contróleur

Thomas Gollan





http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER		CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTI	ON:	
M49363913-1		41952		Drawn Seaminas	Tube/Pipe	
KAISER ORDER NUMBER	LINE ITEM:		SHIP DATE:	KAISER LOT NUMBER	ALLOY:	TEMPER:
222469	001		02/24/2017	F00234392 9-89	(6061)	T6)
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/BAF/THIKNS:	WIDTH:	LENGTH:
381.000 LB	469.000 F	PCS	224425			12.000 FT
HIP TO:				SOLD TO:		
TW METALS INC 235 WEST TUBEW CAROL STREAM,				TW METALS INC 760 CONSTITUT SUITE 204 EXTON, PA 193	TION DRIVE	

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONTIACS	BEND
F00234392	0001	1	45.9	38.8	17.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot	
Maximum Minimum D76511	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.15 0.00 .02	

Applicable Requirements:

Description: OD: (0.3750"; Wall: 0.0580"; Round @

AMS4082P AMS-WW-T-700/6C ASTM B210-12
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED.

This Product Complies to FAR BAA, DFARS BAA, FAR TAA

COMPLIES TO DIN EN 10204 JAN 2005

No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00024262 Kaiser Order Number: 222469

Line Item: 001



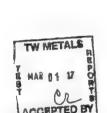
http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



Plant Serial: 00024262 Kaiser Order Number: 222469 Line Item: 001



http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS. LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER:		CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTION:					
M49365548-1		42276		Drawn Seamless Tube/Pipe					
AISER ORDER NUMBER: LINE ITEM:			SHIP DATE:	KAISER LOT NUMBERAS	ALLOY:	TEMPER:			
222661	001		03/20/2017	F00236125 39	6061	T6			
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS	WIDTH:	LENGTH:			
443.000 LB	3.000 LB 388.000 PCS 224652		224652			12.000 FT			
SHIP TO:				SOLD TO:					
TW METALS INC 235 WEST TUBEW CAROL STREAM, I				TW METALS INC 760 CONSTITUTIO SUITE 204 EXTON, PA 19341					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONTIACS	BEND
F00236125	0001	1	46.7	41.1	17.0	N/A	N/A	N/A
F00236125	0002	1	46.2	40.9	18.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D76510	.62	.23	.23	.05	.99	.07	.07	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.5000"; Wall: 0.0580"; Round @ AMS-WW-T-700/6C (ASTM B210-12) WW-T-700/6F AMS4082P WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005 No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).

> Plant Serial: 00024461 Kaiser Order Number: 222661

> > Line Item: 001



http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager





Plant Serial: 00024461 Kaiser Order Number: 222661 Line Item: 001

MATERIAL: M30, DATE: JUN				49	PO / BATCH NO.	X36496/2	1137761			
MATERIAL CERT REC'D: QUANTITY RECEIVED: 60 QUANTITY INSPECTED: 60 QUANTITY REJECTED:	6	100 S		THICKNESS ORDERED: 750 THICKNESS RECEIVED: 747 SHEET SIZE ORDERED: SHEET SIZE RECEIVED:						
DESCRIPTION	(Ch	CR eck (N)			COMMENTS					
SURFACE DAMAGE	Y	(N)				-				
CORRECT FINISH	(8)	N								
CORROSION	Y	D								
CORRECT GRAIN DIRECTION	(1)	N								
CORRECT MATERIAL PER M-DRAWING	(V)	N	ASTM	4213						
CORRECT THICKNESS	X	N								
PHOTO REQUIRED	Υ	(N)								
CORRECT REF # TO LINK CERT	80	N	HT #	Y X 1501	783					
CORRECT MATERIAL IDENTFICATION	Ψ	N								
CORRECT M# ON THE MATERIAL	8	N								
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(F)								
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N)								
CUT SAMPLE PIECE				PREFORM TS BELOW	A HARDNESS C	CHECK.				
			HRC	HRB	DUR A	DUR D				
TYPE OF MATERIAL										
SIZE OF TEST SAMPLE										
HARDNESS / DUROMETER REA	DIN	3								
	<u>te</u>	sters	located in the	Quality Office						
C 18 INSPECTION					ENGINEERING	SIGNOFF (if re	quired)			
INSPECTED BY: CB				SIGNE	D OFF BY:					
DATE: JUN 1 6 201	7				DATE:					

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL: M364		,		F	O / BATCH NO	p036491	G/M137761
MATERIAL CERT REC'D: QUANTITY RECEIVED: 201 QUANTITY REJECTED:		0		THICKNI SHEET S	ESS ORDERED ESS RECEIVED SIZE ORDERED SIZE RECEIVED):	5 0 /A
DESCRIPTION	(CI	CR neck (N)		(COMMENTS		
SURFACE DAMAGE	Y	(D)					
CORRECT FINISH	(4)	N					
CORROSION	Y	(N)					
CORRECT GRAIN DIRECTION	8	N	,				
CORRECT MATERIAL PER M-DRAWING	W	N	ASTM	A213			
CORRECT THICKNESS	(Y)	N					
PHOTO REQUIRED	Y	W					
CORRECT REF # TO LINK CERT	(0)	N	HT # 1	1X 1500	1817		
CORRECT MATERIAL IDENTFICATION		N		7.			
CORRECT M# ON THE MATERIAL	(Y)	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)					
CUT SAMPLE PIECE			ERIAL AND F		HARDNESS C	CHECK.	
TYPE OF MATERIAL SIZE OF TEST SAMPLE			HRC	HRB	DUR A	DUR D	
HARDNESS / DUROMETER REA	DIN	3 T					
	<u>te</u>	sters	located in the Q	uality Office			

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY:

SIGNED OFF BY:

DATE: 1UN 1 4 2017 DATE

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL CERT REC'D: QUANTITY RECEIVED: 201 QUANTITY INSPECTED: 201 QUANTITY REJECTED:	Q				ESS ORDERED:	-	3
DESCRIPTION	QUANTITY RECEIVED: 30'						13
	NCF (Chec	ck			COMMENTS		
SURFACE DAMAGE	Y	100					
CORRECT FINISH	(Y)	Ň					
CORROSION		M)					
CORRECT GRAIN DIRECTION		N					
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AMS-6	3360			
CORRECT THICKNESS		N					
PHOTO REQUIRED		N)					
		N	14+ #25	3636			
CORRECT MATERIAL IDENTFICATION	Y	N					
CORRECT M# ON THE MATERIAL	Ø	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	V					
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ((V					
CUT SAMPLE PIECE			ERIAL AND PI		HARDNESS C	HECK.	
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READ			HRC	HRB	DURA	DUR D	
TANDINESS / DUROWETER REAL	שאווכ						
	4 -		ocated in the Qu	11. 6	1		

QC 18 INSPECTION	- NAS	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	39	SIGNED OFF BY:
DATE:	JUN 1 4 2017	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QUANTITY RECEIVED: 84 QUANTITY INSPECTED: 84	U	5					
QUANTITY REJECTED:	Č.	3		THICKNI SHEET S	ESS ORDERED ESS RECEIVED BIZE ORDERED BIZE RECEIVED	05	8
DESCRIPTION	(Ch	CR eck		(COMMENTS		
SURFACE DAMAGE		(N)					
CORRECT FINISH	(Y)	N					
CORROSION	Υ	N					
CORRECT GRAIN DIRECTION	(Y)	N					
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AStm	B 210	-		
CORRECT THICKNESS	(Y)	N					
PHOTO REQUIRED	Υ	W)					
	(Y)	N	H+ # F	00734	392		
	\mathcal{C}	N					
	X	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	0					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)					
CUT SAMPLE PIECE	OF	MAT	ERIAL AND F	REFORM A	HARDNESS (CHECK.	
	R	ECC	RD RESULTS	BELOW			
TYPE OF MATERIAL			HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE		-					
HARDNESS / DUROMETER READ	OING	3	-				
	_		located in the Qu	uality Office			

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY:

39 9-89

DATE: JUN 1 4 2017

QC 18 INSPECTION

INSPECTED BY:

MATERIAL: M606			500W.O.	58	PO / BATCH NO	:pc36496	1437				
DATE: JUN 1	147	1017									
MATERIAL CERT REC'D:	и	25		THICKN	IESS ORDERED	os 2058					
QUANTITY RECEIVED: 48	J			THICKN	ESS RECEIVED	055	?				
QUANTITY INSPECTED: 48					SIZE ORDERED	7	1				
QUANTITY REJECTED:	K	λ .	-	SHEET SIZE ORDERED:							
		~		SHEET	SIZE RECEIVEL		1				
	IN	CR	1								
DESCRIPTION		eck		COMMENTS							
	Y	N)									
SURFACE DAMAGE	Y	N									
CORRECT FINISH	(Y)	Ň									
CORROSION	Y	N									
CORRECT GRAIN DIRECTION	(V)	N	1								
CORRECT MATERIAL PER M-DRAWING	(A)	N	MOTIM	B3/0							
CORRECT THICKNESS PHOTO REQUIRED	Y	N									
CORRECT REF # TO LINK CERT	(Y)	N	111 +5 [2	2013 6							
DRRECT MATERIAL IDENTFICATION		N	77 # F(20,926	192						
CORRECT M# ON THE MATERIAL	(Y)	N									
DOES THIS MATERIAL REQUIRE		-									
ENGINEERING SIGN OFF	Y	(N)									
DOES THIS REQUIRE AN		-									
EXTRUSION REPORT	Υ	(N)									
CUT SAMPLE PIECE	OF F	MAT	TERIAL AND I	PREFORM A	HARDNESS (CHECK.					
			HRC	HRB	DUR A	DUR D					
TYPE OF MATERIAL					Dork	DOILD					
SIZE OF TEST SAMPLE		i									
HARDNESS / DUROMETER REA	DIN	3									
	te.	sters	located in the Q	uality Office							
	-										
: 18 INSPECTION					NONEEDING	CICNOSE (C					
					NGINEERING	SIGNOFF (if re	equired)				
INSPECTED BY: 39				CIONED	OFF DV						

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 1 of 4

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7

CANADA



Contact Name

Vendor Phone

585 768 5600

Buyer

Chantal Lavoie

Customer POID Customer Tax#

10127-2607

Ship To Contact

Ship To Phone

Terms Currency

Net 30 USD

Ship Via:

YRC COLLECT

FOB

FCA - (Free Carrier)

Ship Acct:

Line Reference Nhr Vendor Part Number **Line Comments Delivery Comments**

Description/ Req Date/ CD Mfg ID Taxable **Promise Date**

Unit of Measure

Req Qty/

Extended Price

M304TR0.675W.091

304 RD Tube .675 x .091W

6/8/2017 Yes 6/8/2017

20.00

Lecu 23.750.

PO Unit Price

\$100.00

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

60.00

Line Total:

\$100.00

M304TR0.750W.049

304 RD Tube .750 x .049W

6/8/2017 Yes

6/8/2017

\$5.00

\$126.00

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Spr7-6-12.

Line Total:

\$126.00

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 2 of 4

Order From:

US

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

585 768 5600

YRC COLLECT

Customer POID

Chantal Lavoie

Ship To Phone

Ship To Contact

Customer Tax #

10127-2607

Terms

Buyer

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Ship Via: Ship Acct:

M304TR1.250W.125

304 RD Tube 1.250 x .125w

6/8/2017

20.00

6/8/2017

Yes

f

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

4130 RD tube .500 x

6/8/2017

\$4.00

\$123.00

M4130NT0.500W.083

.083W

Yes

6/8/2017

Line Total:

\$80.00

VO.33

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361

6362/6373/6374

recu 20-083

Line Total:

\$80.00

M6061T6T0.375W.058

6061-T6 RD Tube .375

6/8/2017

80.00

\$2.15

\$172.00

x.058W

Yes

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241

6/8/2017

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 3 of 4

Order From:

US

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

585 768 5600

Ship To Contact

Ship To Phone Ship Via:

YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

10127-2607

Customer POID

Customer Tax#

Net 30

Terms Currency

USD

FOB

FCA - (Free Carrier)

Line Total:

Line Total:

M6061T6T0.500W.058

6061-T6 RD Tube .500 x.058W

6/8/2017

6/8/2017

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING

Yes

reen 48 pt

\$1.75

\$70.00

\$172.00

AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241

71401-45

PROCUREMENT **QUALITY CLAUSES** 6/8/2017

6/8/2017

No

1.00

40.00

\$70.00

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A6-12.

\$0.00

\$0.00

Note:

5/30/2017



Fax: 613 632 9577

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 4 of 4

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD 1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

585 768 5600

YRC COLLECT

Buyer

Chantal Lavoie

303 700 3000

Customer POID
Customer Tax #

Terms

10127-2607 Net 30 USD

Currency FOB

FCA - (Free Carrier)

Ship Via: Ship Acct:

Line Total:

\$0.00

PO Total:

\$671.00

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.